

ABSTRACT OF THE DISCLOSURE

A PDP with improved luminous efficiency is provided which prevents erroneous discharge and emission in adjacent cell spaces (8) and which effectively takes out light produced in the cell spaces (8), and a plasma display device having the PDP is also provided. The space between a front substrate (not shown) and a back substrate (1) is sectioned into a plurality of independent cell spaces (8) by grid-like barrier ribs (2). The cell spaces (8) include discharge cells (9) and non-discharge cells (10). The discharge cells (9) and the non-discharge cells (10) are alternately arranged in horizontal and vertical directions (in alternate checkers). A phosphor (3) is applied in the discharge cells (9) and the phosphor (3) is not applied in the non-discharge cells (10).